

Resource List* to locate the Outcome Measures Recommended by the:

**Canadian Best Practices in Stroke Rehabilitation Outcomes
Report of the Expert Panel, February 2006**

(The column listing the “Resources” only provides a partial list of where identified outcome measures can be found. The Northeastern Ontario Stroke Network does not promote or prefer any one source. There is a cost for some of the outcome measures. Please ensure you follow Copyright restrictions where applicable.)


Body, Function and Structure Evaluation Measures		
Domain	Selected Measure	Resource
Measure of Stroke Severity	Orpington or National Institute of Health (NIH) Stroke Scale	http://www.strokecenter.org/trials/scales/orpington.html#mrc http://www.strokecenter.org/trials/scales/nihss.html http://www.rnao.org/Page.asp?PageID=924&ContentID=820 RNAO - Stroke Assessment Across the Continuum of Care - pg 90 http://209.5.25.171/ or www.heartandstroke.ca/profed (type NIHSS card) Heart and Stroke Foundation – Professional Education website NIHSS Card 2005
Medical Comorbidities	Charleson Co-morbidities Scale	http://www.medalreg.com/qhc/medal/ch1/1_13/01-13-01-ver9.php3 Web based Charlson calculator
Upper Extremity Structure and Function	Chedoke-McMaster Stroke Assessment (CMSA)	http://www.chedokeassessment.ca/ Chedoke-McMaster Stroke Assessment website
Lower Extremity	Chedoke-McMaster Stroke Assessment (CMSA)	http://www.chedokeassessment.ca/ Chedoke-McMaster Stroke Assessment website
Spasticity	Modified Ashworth Scale + Spasticity Subscale of CMSA	http://www.medal.org/visitor/www/active/ch20/ch20.aspx You can create a user name and log in for free to see the tools Chedoke-McMaster Stroke Assessment -each dimension of the Impairment Inventory (arm, hand, leg, foot, postural control) examines the way the person's active movement is influenced by spasticity

*** This resource is adapted from the work of Leya Bennett, Regional Stroke Rehabilitation Coordinator, Central East Stroke Network**

Body, Function and Structure Evaluation Measures Con't

Visual Perception	<p>Comb and Razor (interdisciplinary administration)</p> <p>Behavioural Inattention Test</p> <p>Sunnybrook Neglect Assessment Protocol (SNAP)</p> <p>Line Bisection Test (Unilateral Spatial Neglect)</p> <p>Alternates – Rivermead Perceptual Assessment Battery, OSOT Perceptual Evaluation & MVPT</p>	<p>http://www.medicine.mcgill.ca/strokingengine-assess/module crt indepth-en.html</p> <p>http://pearsonassess.ca/haiweb/Cultures/en-CA/Products/Product+Detail.htm?CS_ProductID=749129972&CS_Category=ot-cognitive-functioning&CS_Catalog=TPC-CACatalog</p> <p>Available through Sunnybrook Health Sciences Centre, Toronto Dr. Sandra Black – Sandra.black@sunnybrook.ca</p> <p>http://www.rnao.org/Page.asp?PageID=924&ContentID=820 RNAO - Stroke Assessment Across the Continuum of Care, pg 102</p> <p>http://www.medicine.mcgill.ca/strokingengine/ (type in either OSOT Perceptual Evaluation or MVPT) unable to find a current North American link for the Rivermead</p>
Language	<p>a) Screening in Acute & Follow-up: Frenchay Aphasia Screening Test (FAST)</p> <p>b) for Rehabilitation - Boston Diagnostic Aphasia Assessment</p>	<p>Can be purchased from several sources i.e. http://ca.wiley.com/WileyCDA/WileyTitle/productCd-1861564422.html</p> <p>http://harcourtassessment.com/HAIWEB/Cultures/en-us/Productdetail.htm?Pid=015-8358-600&Mode=detail&Leaf=avpproducts</p>
Speech Intelligibility Tool	No tool in published literature	N/A
Cognition	<p>a) As per SCORE (Stroke Canada Optimization of Rehabilitation through Evidence project) = MMSE +</p> <p>Line Bisection +</p> <p>Semantic Fluency</p> <p>b) Initial selection Cambridge Cognitive Exam (CAM-COG)</p> <p>Note: no single tool; therefore need to seek further consultation to consider which domains are important</p>	<p>http://www.medicaleducation.co.uk/resources/Miniment.pdf</p> <p>http://www.rnao.org/Page.asp?PageID=924&ContentID=820 RNAO - Stroke Assessment Across the Continuum of Care – pg 103</p> <p>http://www.rnao.org/Page.asp?PageID=924&ContentID=820 RNAO - Stroke Assessment Across the Continuum of Care - pg 102</p> <p>Semantic Fluency – typically a subtest of larger assessment batteries. Speak to your local Speech Language Pathologist or the NEO Regional SLP Stroke Best Practice Consultant (www.neostrokestrategy.com)</p> <p>http://www.amazon.com/CAMDEX-R-Boxed-Set-Cambridge-Examination/dp/0521462614/ref=ed_oe_h</p>

Activity Assessment Scales

Arm Function	Chedoke Arm and Hand Activity Inventory	Contact lambec@hhsc.ca or barreca@hhsc.ca for the Administration Guidelines (no cost) and training DVD (small cost).
	Box and Block	http://www.sammonspreston.com/Supply/Product.asp?Leaf_Id=7531
	Nine Hole Peg Test	http://www.sammonspreston.com/Supply/Product.asp?Leaf_Id=A8515
Walking/Lower Extremity	Chedoke Lower Extremity Disability Inventory	http://www.chedokeassessment.ca/ Chedoke-McMaster Stroke Assessment website
	Timed Up and Go Test	http://www.saskatoonhealthregion.ca/pdf/03_Timed%20Up%20and%20Go%20procedure.pdf
	6-Minute Walk Test	http://ajrccm.atsjournals.org/cgi/content/full/166/1/111
	Alternate – Rivermead Mobility Index	http://www.medicaleducation.co.uk/resources/Rivmob.pdf
Balance	Berg Balance Scale	http://www.strokecenter.org/trials/scales/berg.pdf
Functional Communication	Amsterdam-Nijmegen Everyday Language Test (ANELT)	Unable to find a link to the outcome measure – only research articles on the measure
	Alternate – American Speech-Language-Hearing Association -Functional Assessment of Communication of Activities of Daily Living (ASHA-FACS)	http://www.asha.org/eweb/OLSDynamicPage.aspx?Webcode=olsdetails&title=Functional+Assessment+of+Communication+Skills+for+Adults+(ASHA+FA+CS)
Self-Care Activities of Daily Living	FIM™ Functional Independence Measure	Contact an inpatient rehabilitation unit with designated rehabilitation beds (located in Sault Ste. Marie, Timmins, North Bay, Sudbury or Parry Sound) http://www.udsmr.org/
Instrumental Activities of Daily Living	Reintegration to Normal Living Index	http://www.medal.org/visitor/login.aspx (You can create a user name and log in for free to see the tools)
	Leisure section of the LIFE-H	 LIFE-H shortened.pdf

Participation Assessment Scales

Participation	Stroke Impact Scale	http://www2.kumc.edu/coa/SIS/SIS_pg2.htm
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